
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=8; day=14; hr=12; min=31; sec=59; ms=785;]

Validated By CRFValidator v 1.0.3

Application No: 10576690 Version No: 3.0

Input Set:

Output Set:

Started: 2008-07-16 18:43:39.189

Finished: 2008-07-16 18:43:42.316

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 127 ms

Total Warnings: 324

Total Errors: 0

No. of SeqIDs Defined: 325

Actual SeqID Count: 325

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

Input Set:

Output Set:

Started: 2008-07-16 18:43:39.189

Finished: 2008-07-16 18:43:42.316

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 127 ms

Total Warnings: 324

Total Errors: 0

No. of SeqIDs Defined: 325

Actual SeqID Count: 325

Error code Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

- <110> McSwiggen, James Chowrira, Bharat Haeberli, Peter
- <120> RNA Interference Mediated Inhibition Of NOGO And NOGO Receptor Gene Expression Using Short Interfering Nucleic Acid (siNA)
- <130> SIR-MIS-00016-US-PCT
- <140> 10576690
- <141> 2008-07-16
- <150> PCT/US04/16390
- <151> 2004-05-24
- <150> US 10/826,966
- <151> 2004-04-16
- <150> US 10/757,803
- <151> 2004-01-14
- <150> US 10/720,448
- <151> 2003-11-24
- <150> US 10/693,059
- <151> 2003-10-23
- <150> US 10/444,853
- <151> 2003-05-23
- <150> PCT/US03/05346
- <151> 2003-02-20
- <150> PCT/US03/05028
- <151> 2003-02-20
- <150> US 60/358,580
- <151> 2002-02-20
- <150> US 60/363,124
- <151> 2002-03-11
- <150> US 60/386,782
- <151> 2002-06-06
- <150> US 60/406,784
- <151> 2002-08-29
- <150> US 60/408,378
- <151> 2002-09-05
- <150> US 60/409,293
- <151> 2002-09-09

```
<150> US 60/440,129
<151> 2003-01-15
<160> 325
<170> PatentIn version 3.3
<210> 1
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 1
                                                                   19
cgaaacgacu uucaguccc
<210> 2
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 2
ccgacgcgcc ccgcccaac
                                                                   19
<210> 3
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 3
                                                                   19
ccccuacgau gaagaggc
<210> 4
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 4
                                                                   19
cguccgcugg agggagccg
```

<210> 5 <211> 19

```
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 5
ggcugcuggc augggugcu
                                                                   19
<210> 6
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 6
                                                                   19
uguggcugca ggccuggca
<210> 7
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 7
agguggcagc cccaugccc
                                                                   19
<210> 8
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 8
                                                                   19
caggugccug cguaugcua
<210> 9
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 9
                                                                   19
```

acaaugagcc caaggugac

```
<210> 10
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 10
cgacaagcug ccccagca
                                                                   19
<210> 11
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 11
                                                                   19
agggccugca ggcugugcc
<210> 12
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 12
                                                                   19
ccgugggcau cccugcugc
<210> 13
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 13
                                                                   19
ccagccagcg caucuuccu
<210> 14
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

```
19
ugcacggcaa ccgcaucuc
<210> 15
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 15
cgcaugugcc agcugccag
                                                                   19
<210> 16
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 16
gcuuccgugc cugccgcaa
                                                                   19
<210> 17
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 17
accucaccau ccuguggcu
                                                                   19
<210> 18
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 18
                                                                   19
ugcacucgaa ugugcuggc
<210> 19
<211> 19
<212> RNA
```

<213> Artificial Sequence

```
<220>
<223> Synthetic
<400> 19
                                                                   19
cccgaauuga ugcggcugc
<210> 20
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 20
ccuucacugg ccuggcccu
                                                                   19
<210> 21
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 21
uccuggagca gcuggaccu
                                                                   19
<210> 22
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 22
                                                                   19
ucagcgauaa ugcacagcu
<210> 23
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 23
                                                                   19
uccggucugu ggacccugc
<210> 24
```

```
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 24
ccacauucca cggccuggg
                                                                   19
<210> 25
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 25
gccgccuaca cacgcugca
                                                                   19
<210> 26
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 26
accuggaccg cugcggccu
                                                                   19
<210> 27
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 27
                                                                   19
ugcaggagcu gggcccggg
<210> 28
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 28
ggcuguuccg cggccuggc
                                                                   19
```

```
<210> 29
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 29
cugcccugca guaccucua
                                                                   19
<210> 30
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 30
                                                                   19
accugcagga caacgcgcu
<210> 31
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 31
                                                                   19
ugcaggcacu gccugauga
<210> 32
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 32
                                                                   19
acaccuuccg cgaccuggg
<210> 33
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

```
<400> 33
                                                                   19
gcaaccucac acaccucuu
<210> 34
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 34
uccugcacgg caaccgcau
                                                                   19
<210> 35
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 35
ucuccagcgu gcccgagcg
                                                                   19
<210> 36
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 36
                                                                   19
gcgccuuccg ugggcugca
<210> 37
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

19

<400> 37
acagccucga ccgucuccu

<210> 38
<211> 19
<212> RNA
<213> Artificial Sequence

```
<220>
<223> Synthetic
<400> 38
                                                                   19
uacugcacca gaaccgcgu
<210> 39
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 39
                                                                   19
uggcccaugu gcacccgca
<210> 40
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 40
augccuuccg ugaccuugg
                                                                   19
<210> 41
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 41
                                                                   19
gccgccucau gacacucua
<210> 42
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 42
                                                                   19
aucuguuugc caacaaucu
<210> 43
```

```
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 43
uaucagcgcu gcccacuga
                                                                   19
<210> 44
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 44
                                                                   19
aggcccuggc cccccugcg
<210> 45
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 45
gugcccugca guaccugag
                                                                   19
<210> 46
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 46
                                                                   19
ggcucaacga caaccccug
<210> 47
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 47
ggguguguga cugccgggc
                                                                   19
```

```
<210> 48
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 48
cacgcccacu cugggccug
                                                                   19
<210> 49
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 49
                                                                   19
ggcugcagaa guuccgcgg
<210> 50
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 50
gcuccuccuc cgaggugcc
                                                                   19
<210> 51
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 51
                                                                   19
ccugcagccu cccgcaacg
<210> 52
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

```
gccuggcugg ccgugaccu
                                                                   19
<210> 53
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 53
ucaaacgccu agcugccaa
                                                                   19
<210> 54
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 54
augaccugca gggcugcgc
                                                                   19
<210> 55
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 55
                                                                   19
cuguggccac cggcccuua
<210> 56
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 56
                                                                   19
accaucccau cuggaccgg
<210> 57
<211> 19
<212> RNA
```

<213> Artificial Sequence

```
<220>
<223> Synthetic
<400> 57
                                                                   19
gcagggccac cgaugagga
<210> 58
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 58
                                                                   19
agccgcuggg gcuucccaa
<210> 59
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 59
agugcugcca gccagaugc
                                                                   19
<210> 60
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 60
ccgcugacaa ggccucagu
                                                                   19
<210> 61
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 61
                                                                   19
uacuggagcc uggaagacc
<210> 62
```

```
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 62
cagcuucggc aggcaaugc
                                                                   19
<210> 63
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 63
                                                                   19
cgcugaaggg acgcgugcc
<210> 64
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 64
cgcccgguga cagcccgcc
                                                                   19
<210> 65
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 65
                                                                   19
cgggcaacgg cucuggccc
<210> 66
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 66
cacggcacau caaugacuc
                                                                   19
```

```
<210> 67
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 67
cacccuuugg gacucugcc
                                                                   19
<210> 68
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 68
                                                                   19
cuggcucugc ugagccccc
<210> 69
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 69
                                                                   19
cgcucacugc agugcggcc
<210> 70
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 70
                                                                   19
ccgagggcuc cgagccacc
<210> 71
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

```
19
caggguuccc caccucggg
<210> 72
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 72
gcccucgccg gaggccagg
                                                                   19
<210> 73
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 73
gcuguucacg caagaaccg
                                                                   19
<210> 74
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 74
gcacccgcag ccacugccg
                                                                   19
<210> 75
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 75
gucugggcca ggcaggcag
                                                                   19
<210> 76
<211> 19
<212> RNA
<213> Artificial Sequence
```

```
<220>
<223> Synthetic
<400> 76
                                                                   19
gcgggggugg cgggacugg
<210> 77
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 77
                                                                   19
gugacucaga aggcucagg
<210> 78
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 78
gugcccuacc cagccucac
                                                                   19
<210> 79
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 79
                                                                   19
ccugcagccu cacccccu
<210> 80
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 80
                                                                   19
ugggccuggc gcuggugcu
<210> 81
```

```
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 81
uguggacagu gcuugggcc
                                                                   19
<210> 82
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 82
ccugcugacc cccagcgga
                                                                   19
<210> 83
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 83
acacaagagc gugcucagc
                                                                   19
<210> 84
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 84
                                                                   19
cagccaggug uguguacau
<210> 85
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 85
                                                                   19
uacggggucu cucuccacg
```

```
<210> 86
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 86
gccgccaagc cagccgggc
                                                                   19
<210> 87
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 87
                                                                   19
cggccgaccc guggggcag
<210> 88
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 88
                                                                   19
ggccaggcca gguccuccc
<210> 89
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 89
                                                                   19
cugauggacg ccugccgcc
<210> 90
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
```

```
19
ccgccaccc caucuccac
<210> 91
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 91
                                                                   19
ccccaucaug uuuacaggg
<210> 92
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 92
guucggcggc agcguuugu
                                                                   19
<210> 93
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 93
                                                                   19
uuccagaacg ccgccuccc
<210> 94
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 94
                                                                   19
cacccagauc gcgguauau
<210> 95
<211> 19
<212> RNA
```

<213> Artificial Sequence

```
<220>
<223> Synthetic
<400> 95
                                                                  19
uagagauaug cauuuuauu
<210> 96
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 96
                                                                  19
uuuacuugug uaaaaauau
<210> 97
<211> 19
<212> RNA
<213> Artificial Sequence
<220>
<223> Synthetic
<400> 97
ucggacgacg uggaauaaa
```